HUBBELL iStation

Audio Video Connectors, 3.5mm Stereo Jacks, Solder

Seamless Hubbell System Integration.

Universal Keystone Design fits in all Hubbell Products.

Standard 3.5mm Stereo Jack.

Use with Mono and Stereo Audio Applications.

SPECIFICATIONS

- **Connector**:
  Body: Brass
  Plating: Nickel 100µ"
- **Material**:
  Housing: Flame Retardant Polymer (UL 94V-0)

CABLE TERMINATION

Cable Type: 22-30 AWG 2 conductor, with shield (served bare copper shield preferred).

Connector
Tip: Square copper terminal.
Ring: Round, Nickel-plated terminal.

CONNECTOR TERM

3.5mm Stereo Connections - TS and TRS (Phono style jacks and plugs) connections are available in three standard sizes ¼", 3.5mm or miniature and 2.5 mm or subminiature. The 3.5mm is also referred to as 1/8" stereo jack. All three sizes are available in common two-conductor (mono) and three-conductor (stereo or tip ring sleeve) versions. A four conductor version of the 3.5 mm plug is used for certain output applications for compact camcorders, providing stereo audio and video signal. This interface is also seen on some laptop computers.

INSTALLATION TIPS

Soldering tips: Cleanliness - Temperature - Time - Solder Coverage - These key factors affect the quality of the joint. A little effort spent in soldering a perfect joint will eliminate a considerable amount of time in troubleshooting a defective joint in the future.

Important: Always allow for clearance behind connection location to ensure for proper bend radius.

Hubbell's 3.5mm Stereo Jack is the perfect solution for distributing audio signals to-and-from components. Today's computers and portable electronic devices have standardized on the 3.5mm stereo jack for audio and microphone inputs and outputs. Having this style connection in the work area has become a requirement.

Requiring wall side soldering, these connectors install with a "snap" and provide a quick plug in style termination. Hubbell's 3.5mm Stereo Jacks are available in 7 standard Hubbell colors and flush mount into all **iSTATION**™ face plates, modules, frames, surface housings, and UDX multimedia Panels.

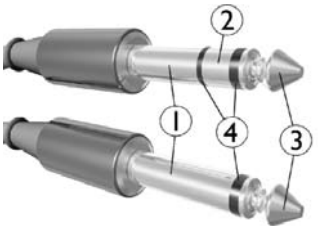
Create a customized multimedia work station solution by adding a 3.5mm Stereo Jack along with Hubbell's other AV modules or **XCELERATOR**™ jacks.

APPLICATIONS SUPPORTED

- Laptop and desktop computers.
- Projectors, flat panel monitors.
- CD/DVD/DVR/MP3/media players, game machines.
- PDAs and mobile devices.

DEFINITION: Tip/Ring/Sleeve

1. Sleeve: usually ground.
2. Ring: Right channel for stereo signals, negative phase for balanced mono signals.
3. Tip: Left channel for stereo signals, positive phase for balanced mono signals, signal line for unbalanced mono signals.
4. Insulating rings.



	Unbalanced	Balanced	Stereo
Tip	Signal	Positive "Hot"	Left Channel
Ring	Not available	Negative "Cold"	Right Channel
Sleeve	Ground Return	Ground	Ground

AV Connectors, 3.5mm Stereo Jacks, Solder

Qty.	1-pack	10-pack	100-pack
Catalog No.	**SF35SJXX**	**35SJ10**	**35SJ100**
Office White	**SF35SJ**		

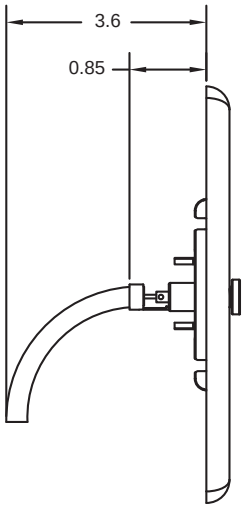
XX = Housing Colors
"**AL**" = Almond; "**BK**" = Black; "**EI**" = Electric Ivory; "**GY**" = Gray;
"**LA**" = Light Almond; "**W**" = White.

AV Connector, ¼" Stereo Jacks, Solder

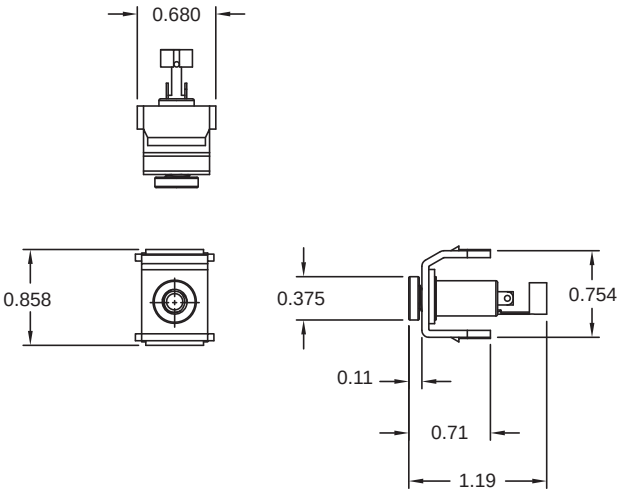
Catalog No. 1-pack **SF14SJXX**

XX = Housing Colors
"**AL**" = Almond; "**BK**" = Black; "**EI**" = Electric Ivory; "**GY**" = Gray;
"**LA**" = Light Almond; "**OW**" = Office White; "**W**" = White.

CONNECTOR DEPTH CHART



DIMENSIONS



iSTATION™ COMPATIBLE

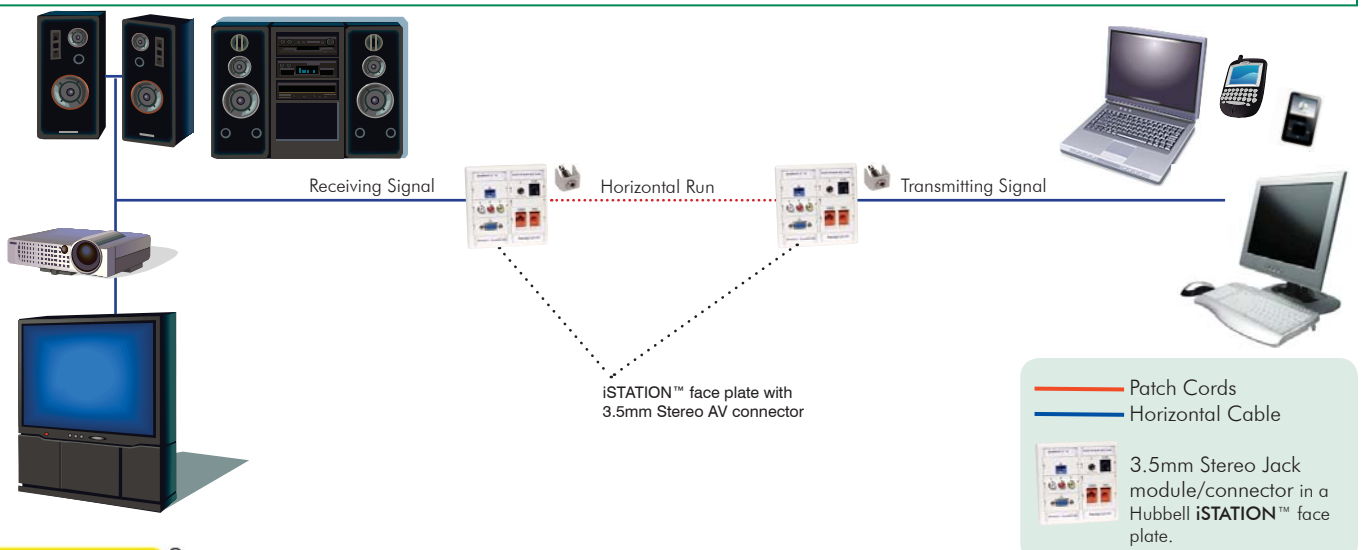
Work Station and Cross-Connect Solutions

- Front and Rear-loading Plates
- Duplex and Decorator Frames
- ISM Surface Mount Boxes
- UDX Multimedia Panels (except 1U-48)
- **netSELECT**™: Residential Network Solution
- **iFRAME**® Vertical Patch Panel

Hubbell Delivery System

- Hubbell **SystemOne** Poke-Throughs and Floor Boxes
- Hubbell Surface Raceway, Metal and Non-Metallic
- Multi-Connect™ Wall Boxes/Conference Table Boxes
- Power Poles

TYPICAL APPLICATIONS



Patch Cords
Horizontal Cable

3.5mm Stereo Jack module/connector in a Hubbell **iSTATION**™ face plate.

Hubbell Premise Wiring
HUBBELL INCORPORATED (Delaware)
14 Lord's Hill Road • Stonington, CT 06378-0901 • (860) 535-8326 • 800-626-0005
Fax: (860) 535-8328 • Internet site: **http://www.hubbell-premise.com**

Worldwide Locations

Hubbell Premise Wiring, Asia Pacific	852-2836-7131	Fax: 852-2836-7132
Hubbell Canada Inc.	905-839-1138	Fax: 905-839-9108
Hubbell Premise Wiring, Central America	506-309-4158	Fax: 506-260-1616
Hubbell Premise Wiring, China	86-21-6374 2660	Fax: 86-21-6374 2799
Hubbell Premise Wiring, Europe	44-01283 500500	Fax: 44-01283 500400
Hubbell Premise Wiring, India	91-80-4022-4089	Fax: 91-80-4022-4033
Hubbell Int'l. Inc., Korea Branch	(82 2) 2607 1363	Fax: (82 2) 2603 7386
Hubbell Premise Wiring, Latin America	305-408-4501	Fax: 305-408-8201
Hubbell de Mexico, S.A. de C.V.	(5255) 9151-9999	Fax: (5255) 9151-9989
Hubbell Premise Wiring, Middle East	971-4-393-4192	Fax: 971-4-393-4194
Hubbell Premise Wiring, Puerto Rico	787-855-1075	Fax: 787-855-3265
Hubbell-Taian Co., Ltd., Taiwan	886-2-2522-1862	Fax: 886-2-2522-1872
Hubbell Premise Wiring, Venezuela	58-212-5156482	Fax: 58-212-6627258